

# FDFB-25x2M

Name: FDFB-25x2M

Russian name: ВДН-25X2M

**Type:** Double inlet centrifugal FD fans of FDFB type

Notes: Backward curved blades



# **DESCRIPTION:**

Double inlet centrifugal FD Fans are designed for air delivery into combustion chambers of pressure-fired boilers with the capacity of up to 2500 t/h. High-pressure FD Fans overcome full resistance of air-gas flow path. Double inlet centrifugal FD Fans can have right-hand or left-hand rotational direction. The right-hand rotation is in a clockwise order and it should be defined at electric motor side. The blades of impeller are backward curved.

# **AERODYNAMIC PERFORMANCE:**

Capacity: 490.0 ths. m3 Total pressure: 8130 Pa Temperature: 100 C Efficiency: 87 %

Dustiness: 0.1 g/m3

#### **DIMENSIONS:**

Length: 6916 mm Width: 4450 mm Height: 5235 mm Weight: 24 900 kg

# **ELECTRIC MOTOR:**

Power: 1600 kW

Rate speed: 1000 rpm

Moment of inertia: 2375 kg\*m2

**AUXILIARIES:** 

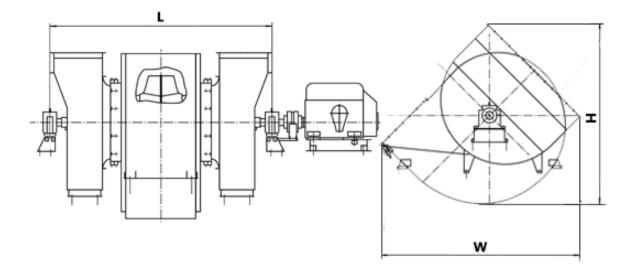
Actuator: 1600 HM

## **DELIVERY OPTIONS:**

Railway: Flatcar: 3 | Open wagon: 0 | Schnabel car: 0



# **DIMENSIONAL DRAWING:**



Page 2/2 Tel.: +7 (3852) 390 - 530 info@russol.org